PTO/SB/21 (02-04)

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CERT			Application Number	10/661,037	
TRANSMITTAL FORM (to be used for all correspondence after initial filing)			Filing Date	September 12, 2003	
			First Named Inventor	John D. Hyde	
			Art Unit	2816	
			Examiner Name	Unassigned	
Total Number of Pages in This Submission 6			Attorney Docket Number	IMPJ-0003D1	
		ENCLO	SURES (check all that apply)		
Fee Transmittal Form		☐ Drawing(s)		After Allowance Communication to Group	
Fee Attached		Licensing-related Papers		Appeal Communication to Board of Appeals and Interferences	
Amendment / Reply		Petition		Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	
After Final		Petition to Convert to a Provisional Application		Proprietary Information	
Affidavits/declaration(s)		Power of Attorney, Revocation Change of Correspondence Address		Status Letter	
Extension of Time Request		Terminal Disclaimers (3)		Other Enclosure(s) (please identify below):	
Express Abandonment Request		Request for Refund			
		CD, Number of CD(s)			
Information Disclo	osure Statement				
Certified Copy of Priority Document(s)		Rema	ırks		
Response to Missing Parts/ Incomplete Application					
Response to Missing Parts under 37 CFR 1.52 or 1.53					
	SIGNA	TURE OF	APPLICANT, ATTORNEY, O	R AGENT	
Firm or Individual name	David B. Ritchie, Reg. No. 31,562 Thelen Reid & Priest LLP				
Signature	M				
Date	duly 20, 2004				
	(ERTIFICA	TE OF TRANSMISSION/MAI	LING	
I hereby certify that t Service with sufficient Alexandria, VA 22313	nt postage as first 3-1450 on the date s	class mail in the class mail i	n an envelope addressed to: C	or deposited with the United States Postal commissioner for Patents, P.O. Box 1450,	
Typed or printed nam	e Beatrice Oro	zco <u>~</u>			

Signature Date This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

John D. Hyde et al.

SERIAL NO.:

10/661,037

FILING DATE:

September 12, 2003

TITLE:

Method and Apparatus for Trimming High-Resolution Digital-To-Analog

Converter

EXAMINER:

Unassigned

ART UNIT:

2816

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450,

Alexandria, VA 22313-1450, on the date printed below:

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INFORMATION DISCLOSURE STATEMENT

Each item of information listed in the attached FORM PTO-1449, for which a copy of each is attached (unless the blanket waiver referred to below applies), may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR §§ 1.56, 1.97 and 1.98. The Examiner is requested to review, consider and document each such item in the official record of this application.

Note: If this box is checked, this case was filed after June 30, 2003 and qualifies for the blanket waiver of deposit of copies of U.S. Patents and U.S. Patent Application

Publications in accordance with the written waiver of 37 CFR §1.98 (a)(2)(i) dated July

11, 2003. Accordingly, such copies are not attached.

This Information Disclosure Statement under 37 CFR §§ 1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these items constitutes prior art.

I

This statement is filed pursuant to (CHECK ONE BOX):

37 C.F.R. § 1.97(b).

This information disclosure statement is filed either:

- (1) within three months of the filing date of a national application other than a continued prosecution application under §1.53(d);
- (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;
 - (3) before the mailing date of a first office action on the merits; or
- (4) before the mailing of a first office action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114, whichever event occurs last.

Accordingly, this information disclosure statement requires no fee and no certification.

37 C.F.R. § 1.97(c).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97(b), but before the mailing date of any of the following:

- (1) a final action under 37 C.F.R. § 1.113;
- (2) a notice of allowance under 37 C.F.R. § 1.311; or
- (3) an action that otherwise closes prosecution in the application.

Accordingly, this information disclosure statement requires either:

- (1) the fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c); or
 - (2) a certification according to 37 C.F.R. § 1.97 (e)(1) or (2).

37 C.F.R. § 1.97(d).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97 (c).

Accordingly, this information disclosure statement requires:

- (1) a certification in accordance with 37 C.F.R. § 1.97(e); and
- (2) the fee specified in 37 C.F.R. § 1.17 (p) to consider an information disclosure statement under 37 C.F.R. § 1.97(d).

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. § 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.

II ,						
Fees Due (CHECK O	NE BOX):					
No fee is d	ie.					
	cified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement F.R. § 1.97(c) or 37 C.F.R. § 1.97(d) is enclosed (\$180).					
	III					
Certification (CHECK ONE BOX):						
No certifica	ation is necessary.					
That each i communica	37 C.F.R. § 1.97(e)(1), the undersigned hereby certifies: tem of information contained in this information disclosure statement was first cited in a tion from a foreign patent office in a counterpart foreign application not more than as prior to the filing of this information disclosure statement.					
No item of communication knowledge this inform	37 C.F.R. § 1.97(e)(2), the undersigned hereby certifies: information contained in this information disclosure statement was cited in a tion from a foreign patent office in a counterpart foreign application, and, to the of the undersigned after making reasonable inquiry, no item of information contained in ation disclosure statement was known to any individual designated in 37 C.F.R. ore than three months prior to the filing of this information disclosure statement.					

IV

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Please charge any additional required fee or credit any overpayment to our deposit account number 50-1698.

Respectfully submitted,
THELEN REID & PRIEST LLP

Dated: July **20**, 2004

David B. Ritchie Reg. No. 31,562

THELEN REID & PRIEST LLP P.O. Box 640640 San Jose, CA 95164-0640 (408) 292-5800 direct dial (408) 287-8040 direct fax

Page 1 of 1 Atty. Docket No. Serial No.: Form PTC Renew-32 IMPJ-0003D1 10/661,037 U.S. Department of Commerce Patent and Trademark Office Applicant: Christopher J. Diorio et al. Information Disclosure Statement by Applicant Filed: September 12, 2003 Group: Unassigned (Use several sheets if necessary) **U.S. Patent Documents** Document No. Date Name Class Subclass Filing Date Init. 4,783,783 11/8/1988 Nagai et al. 7/24/1986 Α 4,935,702 6/19/1990 Mead et al. 12/9/1988 В $\overline{\mathsf{c}}$ 5,933,039 8/3/1999 Hui et al. 3/25/1997 Thewes et al. 7/25/1997 D 5,939,945 8/17/1999 6,134,182 10/17/2000 Pilo et al. 10/19/1999 E 9/11/2000 F 6,320,788 11/20/2001 Sansbury et al. **Foreign Documents** Translation Class Yes No Init. Document No. Country Subclass Date X G 0 298 618 1/11/1989 EP Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

H L. Richard Carley, "Trimming Analog Circuits Using Floating-Gate Analog MOS Memory", IEEE Journal of Solid-State Circuits 24, No. 6, December 1989, pp. 1569-1575.

I Partial International Search for International Application No. PCT/US03/31792, date mailed April 2, 2004.

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.